## APPROVED

PTO DEPOSIT ACCOUNT CHARGE

Express Mail Number:

EV336512866US

ACCOUNT # 04-1700

Date Deposited:

06/20/2003

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DUNLAR CODE VISE Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 8403.888

First Inventor Donald E. Weder

Title

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EV336512866US

APPLICA	A	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application								
See MPEP chapter 600 cond	nts.	Washington, DC 20231_								
	orm (e.g., PTO/SB/17) duplicate for fee processing)	7	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
2. Applicant claims s See 37 CFR 1.27.	8		Computer Program eotide and/or Amino A oplicable, all necessar	cid Seque		Submission				
_ Specification	[Total Pages 72 ]			Computer Readab		CRE)				
3. (preferred arrangement			a.	<b>-</b>						
- Cross Referenc	e to Related Applications									
	arding Fed sponsored R & D quence listing, a table,		i. CD-ROM or CD-R (2 copies); or							
	rogram listing appendix		ii paper							
- Background of - Brief Summary		_	c. Statements verifying identity of above copies							
	n of the Drawings (if filed)	<u> </u>	A	CCOMPANYING	APPLIC	ATIC	ON PARTS			
- Detailed Descri			9	Assignment Paper	s (cover s	heet 8	document(s))			
- Claim(s) - Abstract of the	-Clean Specification Disclosure	_ pgs	10.	37 CFR 3.73(b) St (when there is an			Power of Attorney			
4. X Drawing(s) (35 U	.S.C. 113) [ Total Sheets 23	]	11.	English Translation		ent (if a	applicable)  Copies of IDS			
5. Oath or Declaration	[ Total Pages 4	յ   1	12. X	Information Disclo Statement (IDS)/P		X	Citations			
a. Newly execu	uted (original or copy)	- 1	13. 🔼	Preliminary Amen	dment					
b. X Copy from a	prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed)	1	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
	ION OF INVENTOR(S)	. 1	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)							
Signed sta named in t	l.	16. Request and Certification under 35 U.S.C. 122								
	and 1.33(b).		(b)(2)(B)(i). Applicant must attach form PTO/SB/35							
6. Application Data		17. X	or its equivalent.  Other: See Below							
• • • • • • • • • • • • • • • • • • • •	<del></del>	,								
18. This application is:										
X Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/278,690  Prior application information: Examiner F. Palo Group Art Unit: 3644										
Prior application information:	Examiner F. Palo		Ģi pilo	Group Art Unit: 3644						
	, this application contains one or more o									
identified prior application	n. A red-line version of the application si	howing the	se cha	nges will be made avail	able to the	exam	iner upon request.			
	19. CORRESPOND	ENCE AD	DRES	S						
X Customer Number or Bar Co	ode Lebel 30589			or 🗌	Correspon	dence ad	ddress below			
	(Insert Customer No. or Attac	ch bar code la	bei here	<u></u>	_					
Name	Dunlap, Codding & Rogers, P.C.									
	P. O. Box 16370				-					
Address	Christopher W. Corbett			·	_					
City	Oklahoma City	State	,	OK	Zip Code		73113			
Country	USA	Telephon	ne (405) 478-5344		Fax		(405) 478-5349			
Name (Print/Type)	Christopher W. Corbett	1	<b>√</b> egis	tration No. (Attorne	//Agent)	36,1	09			
Signature	m	noit Date 6/2003								

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

\*The Assignment for this case is the same as recorded in the prior application at Reel 7796, Frame 0753, as well as the Power of Attorney and 37 CFR 3.73(b) Statement.

17) 1. Utility Patent Application Transmittal (1 page); 2. Fee Transmittal (1 page) Authorizing the Commissioner to charge indicated fees of \$.00 (\$750.00 for Basic filling fee, \$84.00 for additional independent claim, and \$110.00 for terminal disclaimer fee) or any additional fee required under 37 C.F.R. 1.16 and 1.17 and/or credit any overpayments to Deposit Account Name Dunlap, Codding & Rogers, P.C.; 3. Patent Application Fee Determination Record(1 page); 4. Complete Application for Publication (72 pages) (Continuation of USSN 10/278,690, filed 10/21/2002) Including: (A) Specification (63 pages); (C) Abstract (1 page); (D) 4 pages of Combined Declaration and Power of Attorney (from prior application); and (E) 23 sheets of formal drawings with labels identifying indicia (37 CFR 1.84©)); 5. Remarks Accompanying the Complete Application for Publication (66 pages); 6. 22 sheets of Redline Drawings; 7. Terminal Disclaimer including 3.73(b) Certificate (8 pages); 8. Information Disclosure Statement (5 pages); 9. Form PTO-1449 (9 pages); 10. 2 Cited references not cited in prior applications; and 11. Return Receipt Postcard.



PTO/SB/05 (11-00)

Express Mail No.: EV336 Date Deposited: 06/20/2

EV336512866US 06/20/2003 for
PTO DEPOSIT ACCOUNT CHARGE
ACCOUNT 704-1700

PTO/SB/17 (10-02)

Approved for use through 10/31/2002. OMB 0651-0032

DUNLAR CODDING & ROUS Spatient and Trademark Office; U.S. DEPARTMENT OF COMMERCE

F	<b>EE TRANSMIT</b>	TAL
	for FY 2003	•

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 944

Complete if Known						
Application Number	Not Yet Assigned					
Filing Date	Herewith					
First Named Inventor	Donald E. Weder					
Examiner Name	F. Palo					
Art Unit	3644					
Attorney Docket No.	8403.888					

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)							
Check Credit	3. ADDITIONAL FEES										
Order   Orde						Entity					
Deposit Account 04-17	·		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Number			1051	130	2051	65	Surcharge - late filing fee or oath				
	Codding & Rogers, P.C. r No. 30589		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet				
	thorized to: (check all that app	oly)	1053	130			Non-English specification				
Charge fee(s) indicated	d below 💢 Credit any ov	erpayments	1812	-,	1812		For filing a request for ex parte reexamination				
Charge any additional	fee(s) during the pendency of t	his application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	L			
Charge fee(s) indicated to the above-identified dep	d below, except for the filing f	fee ·	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
	CALCULATION		1251	110	2251	55	Extension for reply within first month				
1. BASIC FILING FE	<del></del>		1252	410	2252	205	Extension for reply within second month				
Large Entity Small Entity			1253	930	2253	465	Extension for reply within third month				
Fee Fee Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month				
1001 750 2001 375	Utility filing fee		1255	1,970	2255	985	Extension for reply within fifth month				
1002 330 2002 165		750	1401	320	2401	160	Notice of Appeal	]			
1003 520 2003 260	Plant filing fee		1402	320	2402	160	Filing a brief in support of an appeal	,			
1004 750 2004 375	Reissue filing fee		1403	280	2403	140	Request for oral hearing				
1005 160 2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 750				110	2452	. 55	Petition to revive - unavoidable				
				1,300	2453	650	Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				1,300	2501	650	Utility issue fee (or reissue)				
Total Claims 18	Extra Claims below	Fee Paid	1502	470	2502		Design issue fee				
Independent 4	3 ··· = 1 × 84	=\$84	1503	630	2503	315	Plant issue fee				
Claims	· ^ <del> </del>	=\$0	1460	130	1460	130	Petitions to the Commissioner				
Lorgo Entity + CII F	<u></u>	1 00	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)				
Large Entity   Small En			1806	180	1806	180	Submission of Information Disclosure Stmt				
Code (\$) Code (\$			8021	40	8021	40	Recording each patent assignment per property (times number of properties)	•			
1202 18 2202 1201 84 2201	<ul><li>9 Claims in excess of 20</li><li>42 Independent claims in ex</li></ul>	xcess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))				
1203 280 2203	140 Multiple dependent clain	n, if not paid	1810	750	2810	375	For each additional invention to be				
1204 84 2204	42 ** Reissue independent over original patent	claims	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)				
1205 18 2205	9 ** Reissue claims in exc		1802	900	1802	900	Request for expedited examination of a design application				
	Other	fee (sp	ecify)	Termi	nal Disclaimer	110					
	SUBTOTAL (2) (\$\\$) 84  **or number previously paid, if greater; For Reissues, see above					*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 110					
or number previously	To maintain proviously party, it greaters, it at it is a superior and it										

SUBMITTED BY

Name (Print/Type)

Signature

(Complete (if applicable)

(Complete (if applicable)

Telephone (405) 607-8600

Date 06/20/2003

Express Mail No.:

EV336512866US

Date Deposited:

06/20/2003

PTO/SB/06 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECOR									Application or Docket Number					
·			AS FILED -	PART I		ımn 2)	SMALL ENTITY			OR	OTHER T			
FOR		<del></del>	ER FILED		NUMBER	EXTRA	Ŕ	ATE	FEE		RATE	FEE		
	SIC FEE CFR 1.16(a))								s 0	OR		\$_ <u>0</u>		
TOTAL CLAIMS (37 CFR 1.16(c)) 18 minus 20 = * 0		0	x \$,	9 =	0	OR	x \$_18_ =	0						
IND	$\frac{(37 \text{ CFR L16(c)})}{(37 \text{ CFR L16(b)})} 4 \qquad \text{minus } 3 = \begin{cases} * & 1 \\ x & 42 = 0 \end{cases}$				OR	x 84 =	84							
		DENT CLAIM PR	ESENT (37	CFR 1.16(c	.16(d)) 0 +			+ 140 = 0			+ 280 =	0		
* If the difference in column 1 is less then zero, enter "0" in column 2								TAL	0	OR	TOTAL	84		
		CLAIN	IS AS AME		- PART II	(Column 3)	SMALL ENTITY OR SMALL ENTITY							
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		NU PREV	SHEST IMBER IOUSLY D FOR	PRESENT EXTRA	R	<b>A</b> TE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE		
NDN	Total (37 CFR 1.16(c))	* .	Minus	** 20	0	= 0	x \$_	9_=	0	OR	x \$18=	0		
ME	Independent (37 CFR 1.16(b))	*	Minus	*** 3		= 0	x 4	2	0	OR OR	x <u>84</u> =	0		
A	FIRST PRESENTATION OF MULTIPLE DEPENDEN				NT CLAIM (37 CFR 1.36(d)) + 1			40 =	0	OR ·	+ 280 =	0		
(Column 1) (Column 2) (Column 3)						TO ADDIT	OTAL FEE	0	OR A	TOTAL DDIT. FEE	0			
AMENDMENT B	ord (M.)	CLAIMS REMAINING AFTER AMENDMENT	According to the control of the cont	NU PREV	GHEST IMBER VIOUSLY ID FOR	PRESENT EXTRA	RATE		ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE		
NDM	Total (37 CFR 1.16(c))	*	Minus	**		ŧ	x \$_9		= 0	OR	x \$_18_=	. 0		
MEN	Independent	*	Minus	***		= ′	x _4		0	OR OR	x=	0		
· A	FIRST PRES	FIRST PRESENTATION OF MULTIPLE DEPEN			NDENT CLAIM (37 CFR 1.16(d))			40 =	0	OR	+=	0 .		
		(Column 1)		(Col	lumn 2)	(Column 3)	T ADDI	OTAL Γ. FEE		OR A	TOTAL DDIT. FEE	0		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		NU PREV	GHEST IMBER IOUSLY ID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE		
NG.	Total (37 CFR 1.16(c))	*	Minus	**		=	x \$_	x \$_9=	Ó		x \$ <u>18</u> =	0		
ME	Independent (37 CFR 1.16(b))	*	Minus	***		=	x _4	2 =	= 0 OR		x <u>84</u> =	0		
Y .	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))						]   _1	40 _	0	OR	+ <u>280</u> =	0		
* If	the entry in colu	nn 1 is less than the	entry in colun	n 2, writ	te "0" in colur	nn 3.		TOTAL	0	OR A	TOTAL DDIT. FEE	0		
*** If	** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.													